JMPS Industry Team

JMPS Overview

3 February 2000

What's JMPS?

Joint Mission Planning System

J: Air Force, Navy, SOCOM, Army

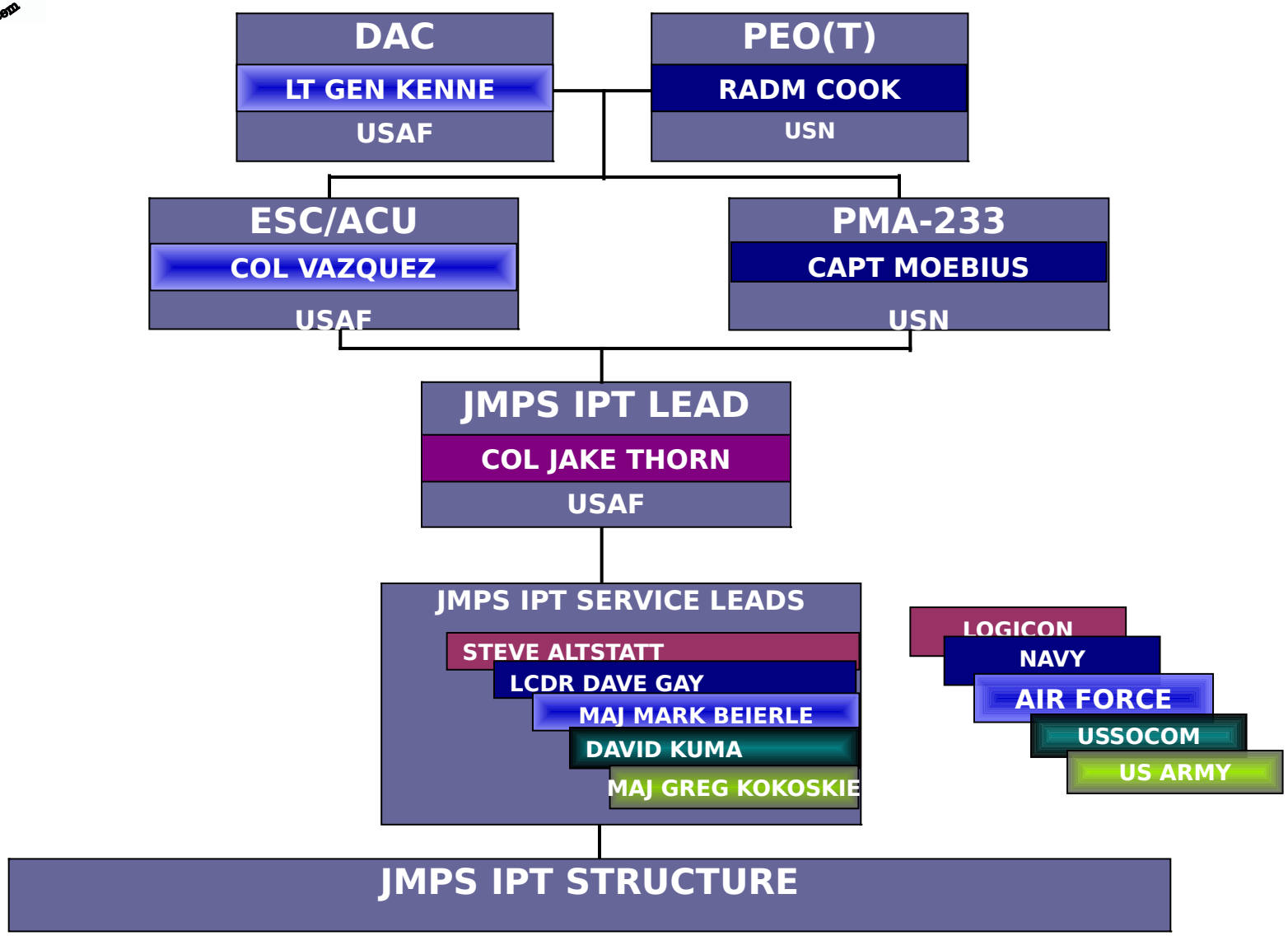
MP: Aviation mission planning:

- Route planning
- Strike coordination
- Terrain/threat avoidance
- etc. etc.

Software suites for PC/Windows platforms

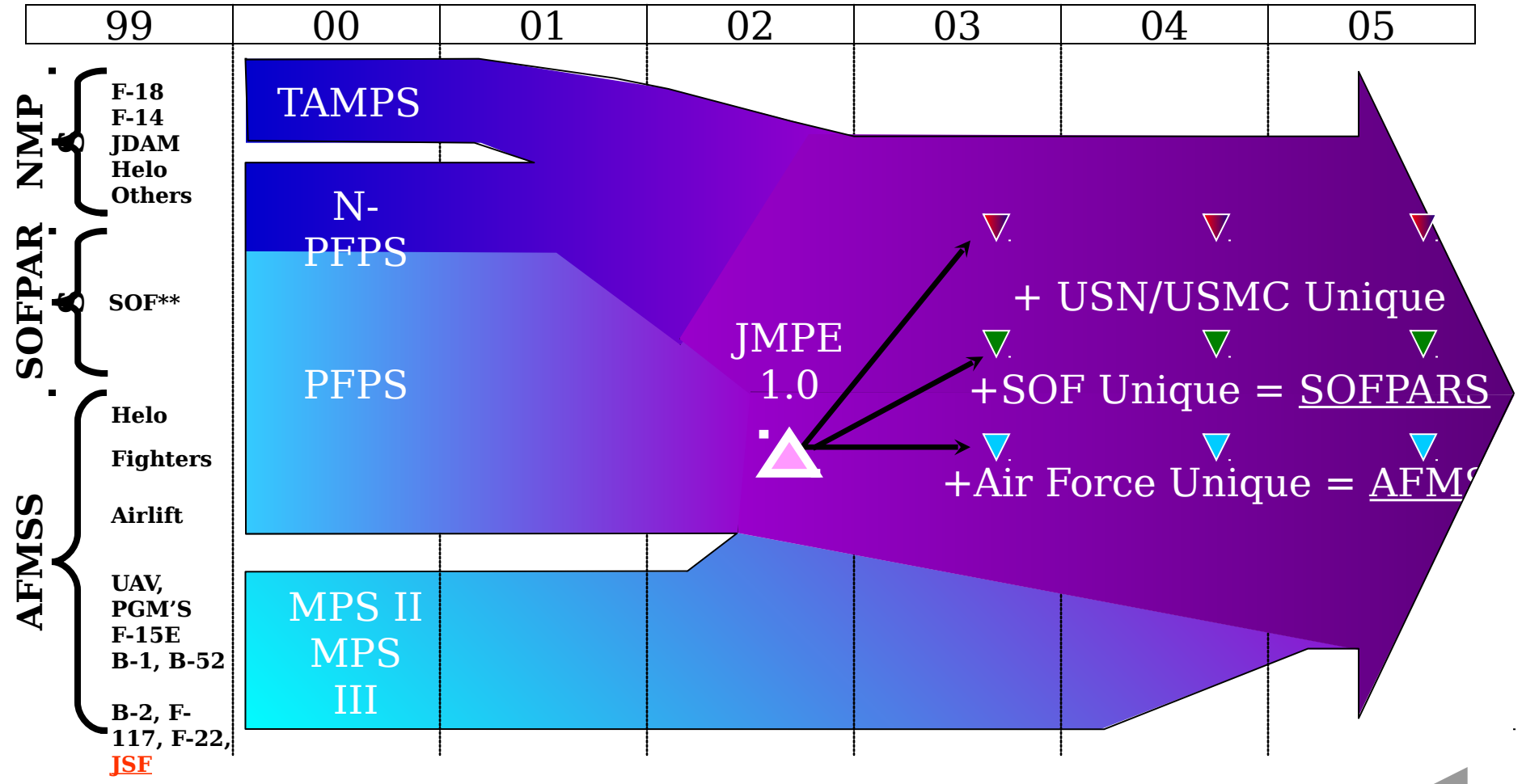
- DII COE compliant mission application
- COE level 6 initially (goal is level 7)
- I&T late '01; IOC mid '02; eventually ~10K 'seats'

CURRENT JMPS ORGANIZATION



SCHEDULE

Joint Migration Plan to JMPE



JMPS Vision

Provide a system that meets the expectations of all users regarding intuitive behavior and ease of use while providing functionality that exceeds legacy planning systems

Provide a framework and architecture that supports coordinated mission planning within and between the Services.

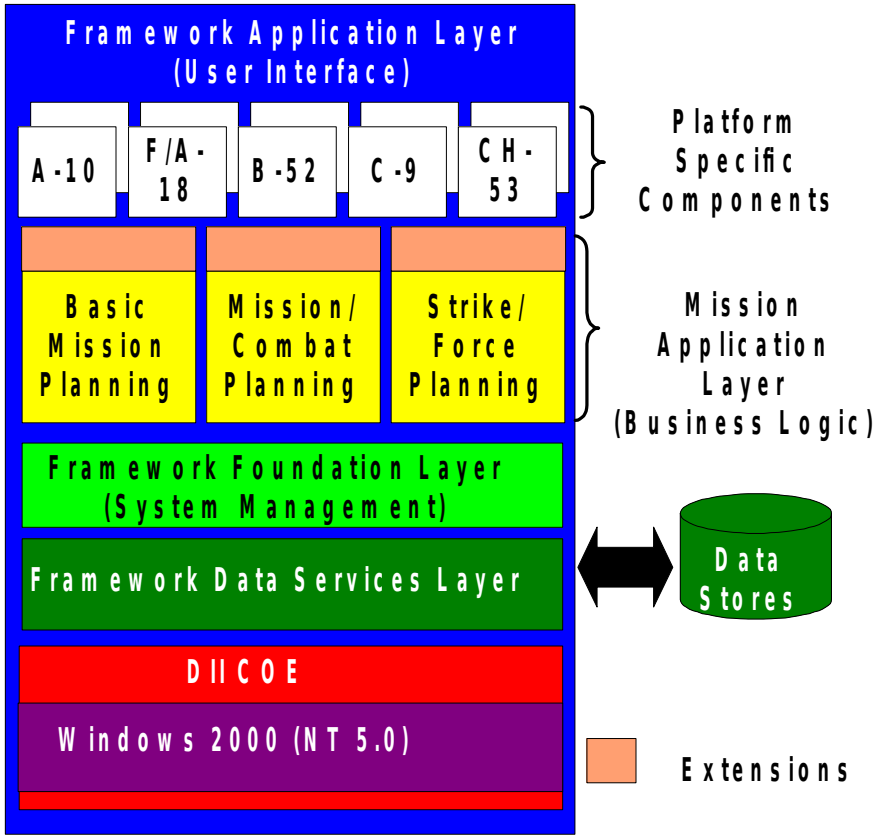
Provide a scalable architecture that allows users to select a system configuration at run time that precisely meets their mission planning needs

Provide an extensible architecture for third party developers to successfully migrate AFMSS & TAMPS functionality to JMPS

Reduce development, migration, and life cycle cost through effective use of extensible components, common processes and automated tools

Provide an agile and responsive development & integration model that ensures a low risk implementation of the JMPS vision

JMPS System View



- **A set of components that can be configured into "systems"**
- **Mission planning functionality is provided by**
  - Mission application components
  - Platform specific components
- **Logicon Component Framework provides**
  - Dynamic configuration & session management of a "system"
  - Access to data stores & sources
  - Common user interaction
- **DII COE provides**
  - Windows 2000
  - Interoperability with other systems and data sources

JMPS Segmentation

- **Appears that modified abbreviated segmentation and bundling is JMPS' best approach under the I&RTS.**
- **If commercialization of the NT Kernel happens in 4.x**
  - COE installer deprecated?
  - CDS deprecated?
- **JMPS would prefer to plan segmentation around the (possibly commercialized) 4.4 COE for Win2K - avoiding any temporary artifacts imposed by the current I&RTS.**